

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1679	244/135a,1td,135r.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:21
S2	567	244/135a,1td.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:21
S5	0	(hydraulic same motor) and (electro\$1hydraulic near valve) and (torque near sens\$3) and reel and hose and drogue and tachometer and microprocessor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:23
S6	7	(hydraulic same motor) and (torque near sens\$3) and reel and hose and drogue and tachometer and microprocessor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:23
S7	4	("2003/0038214").URPN.	USPAT	OR	OFF	2007/10/12 10:24
S8	0	("2006/0108475").URPN.	USPAT	OR	OFF	2007/10/12 10:25
S9	1	("6604711").PN. OR ("6866228").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:25
S13	15	("2663523" "2879017" "2954190" "2960295" "3008674" "3285544" "6454212").PN. OR ("6786455").URPN:	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:32
S14	6	hose same reel same \$2fuel\$3 same tachometer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:32
S3	375	244/135a.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:33
S17	11	S1 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:33
S18	22	S1 and reel same torque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:36

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S19	7	S1 and reel same (sens\$3 same torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:37
S16	6	S1 and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:38
S20	1536	\$2fuel\$3 and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:38
S21	17	\$2fuel\$3 and "torque sensor" and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:38
S22	9	bartov.in. and \$2fuel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:39
S23	24	bartov.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:39
S10	40	("2507069" "2946543" "2954190" "2995321" "3048357" "3061246" "3674049" "4025193" "4095761" "4511105" "4540144" "4586683" "4633376" "4790497" "4796838" "4834531" "5326052" "5499784" "5530650" "5906336" "6324295").PN. OR ("6604711").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:42
S24	2	S10 and tachometer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:42
S25	152	hose same tachometer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:43
S26	9	hose same tachometer and "244".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:46
S28	41	S27 and torque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:47

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S29	3	S27 and torque same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:48
S30	1	S27 and (sensor same reel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:48
S31	4	S27 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 10:49
S34	6481	electro\$1hydraulic same control same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 10:50
S36	16	hose same reel same \$2fuel\$3 same motor same sensor same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 10:52
S37	7	hose same reel same \$2fuel\$3 same motor same sensor and drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 11:40
S38	18	"6604711"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 11:40
S27	98	"4187962", "4150803", "4533097", "5141178"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:45
S12	7	S3 and tachometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:46
S39	11	S3 and (position near sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:47

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S40	1086	(torque same sens\$3) same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:48
S41	21	(torque same sens\$3) same reel and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:49
S42	49	"torque sensor" and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:50
S43	6	"torque sensor" same (wind or unwind or reel or hose) and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:51
S45	65	"torque sensor" same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:55
S46	163	tachometer same hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:58
S47	9	tachometer same hose and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:58
S48	15	tachometer and hose and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:59
S49	19	tachometer same (reel or hose) and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 11:59
S35	188	electro\$1hydraulic same control same valve and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 12:03

EAST Search History

S50	70	"hydraulic control valve" and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 12:04
S51	3	"electrohydraulic control valve" and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 12:04
S11	40	S3 and (hydraulic same motor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 12:52
S52	41	S3 and hose same reel same \$2fuel\$3 same drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 12:52
S53	10	S3 and hose same reel same \$2fuel\$3 same drogue and "hydraulic motor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 12:55
S4	0	"hydraulic motor" and (electro\$1hydraulic near valve) and (torque near sens\$3) and reel and hose and drogue and tachometer and microprocessor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 12:56
S55	4	S54 and (hose or reel) and (hydraulic) and (micro\$1process\$3 or computer or "control unit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 12:59
S57	7	S54 and (hose or reel) and (hydraulic) and drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:02
S58	40	("2507069" "2946543" "2954190" "2995321" "3048357" "3061246" "3674049" "4025193" "4095761" "4511105" "4540144" "4586683" "4633376" "4790497" "4796838" "4834531" "5326052" "5499784" "5530650" "5906336" "6324295").PN. OR ("6604711").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 13:02
S59	10	S58 and (hose or reel) and (hydraulic) and drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:03

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S60	5	S58 and (hose or reel) and (hydraulic same motor) and drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:06
S61	3	S58 and (hose or reel) and (hydraulic same motor same valve) and drogue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:06
S54	72	"3,100,614" "3,061,246" "4,633,376" "4,095,761" "4,540,144" "740,334"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:08
S62	14	"3,100,614" "3,061,246" "4,633,376" "4,095,761" "4,540,144" "740,334"	US-PGPUB; USOCR	OR	OFF	2007/10/12 13:10
S63	0	S62 and (hose or reel) and torque	US-PGPUB; USOCR	OR	OFF	2007/10/12 13:10
S64	0	S62 and (hose or reel) and rpm	US-PGPUB; USOCR	OR	OFF	2007/10/12 13:10
S65	1	S62 and (hose or reel) and hydraulic	US-PGPUB; USOCR	OR	OFF	2007/10/12 13:10
S44	317	"torque sensor" same (unwind\$3 or wound or reel or hose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:11
S66	129	"electro-hydraulic control valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:11
S67	5	"electro-hydraulic control valve" and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:11
S68	7	(electro\$1hydraulic near control near valve) and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:15
S56	9	S54 and (hose or reel) and (hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:24

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S70	133	S54 or S11 or S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:25
S73	22	S70 and computer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:29
S74	18	S70 and S3 and computer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:29
S71	26	S70 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 13:59
S76	5	S70 and "variable displacement"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:00
S77	7	S70 and displacement same hydraulic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:01
S78	10	S70 and variable same hydraulic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:04
S79	8	S70 and servo same hydraulic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:04
S80	15	S1 and servo same hydraulic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:04
S69	44	(electro\$1hydraulic near valve) and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:38

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S81	0	"electro-hydraulic control valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:38
S83	164	"electrohydraulic control valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:38
S84	964	"electrohydraulic valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:38
S86	8	(S82 or S84 or S83) same (computer or microprocessor or "control unit") and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:40
S87	2771750	(S82 or S84 or S83) near\$5 (computer or microprocessor or "control unit") and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:40
S82	129	"electro-hydraulic control valve"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:43
S85	146	(S82 or S84 or S83) same (computer or microprocessor or "control unit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:43
S88	17	(S82 or S84 or S83) and (computer or microprocessor or "control unit") and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:43
S90	32	(S82 or S84 or S83) and "244".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:43
S91	11	"6241462"	USPAT	OR	OFF	2007/10/12 14:49

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S75	5	S70 and "variable displacement" same hydraulic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:51
S92	65	reel same "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:51
S93	1	"6658783"	USPAT	OR	OFF	2007/10/12 14:56
S94	0	8-103195	JPO	OR	OFF	2007/10/12 14:56
S95	0	"8103195"	JPO	OR	OFF	2007/10/12 14:56
S72	22	S70 and torque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:58
S97	65	reel same "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:58
S98	2937161	reel near\$5 "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:59
S99	4	reel near "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 14:59
S100	18	("1277874" "2500026" "2529320" "2564150" "2576629" "2752686" "2860508" "3874108" "5088223" "5345691" "5782033").PN. OR ("6658783").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:59
S101	0	S100 and torque	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 14:59
S89	432	(S82 or S84 or S83) and (computer or microprocessor or "control unit")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:00
S102	3	S100 and sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:00
S104	0	8-103195	JPO	OR	OFF	2007/10/12 15:00
S105	18	("1277874" "2500026" "2529320" "2564150" "2576629" "2752686" "2860508" "3874108" "5088223" "5345691" "5782033").PN. OR ("6658783").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 15:01

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S106	47	("1277874" "2500026" "2529320" "2564150" "2576629" "2752686" "2860508" "3874108" "5088223" "5345691" "5782033").PN. OR ("6658783").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:01
S107	0	"jp8103195"	JPO	OR	OFF	2007/10/12 15:01
S103	0	"8103195"	JPO	OR	OFF	2007/10/12 15:02
S15	5	244/135a.ccls. and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:03
S115	16	"torque sensor" and "reel shaft"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:06
S116	296	"torque sensor" and "reel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:07
S117	39	"torque sensor" and "reel" and hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:07
S118	296	"torque sensor" and reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:08
S119	29	"torque sensor" and reel and fishing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:13
S120	346	"torque sensor" and hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:14
S121	59	"torque sensor" same hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2007/10/12 15:14

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S96	3	"reel torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:22
S122	163	tachometer same hose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:22
S123	28	tachometer same hose and (fishing or fire or "244".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:30
S124	69	"6421593"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:30
L1	0	"6421593" and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:31
S125	2	"6421593" and kempen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:31
L2	3	kempen and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:32
S126	0	"6421593" and kempen.in. and "torque sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	OFF	2007/10/12 15:32